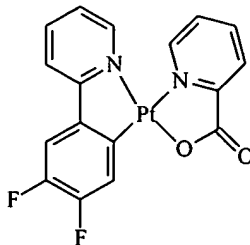


9. (New) The organic light emitting device of claim 9, wherein the organometallic compound has a chemical structure represented by the formula:



### REMARKS

The Supplemental Office Action of November 7, 2002 and the Office Action of October 23, 2002 have been carefully studied and, in view of the following representations, reconsideration and allowance of this application are most respectfully requested.

Claims 4-8, 10 and 11 have been canceled without prejudice. Claims 9 and 12 are amended herein. New claims 13-19 have been added. No new matter has been added by these new claims as support thereof can be found in the specification at, *inter alia*, substitute page 5, line 29 to substitute page 6, line 2; and Figures 1(a) to 1(g).

In the Office Action dated October 23, 2002, the Examiner has rejected claims 4, 6-8, and 10-12 under 35 U.S.C. § 112, second paragraph as being indefinite. Although Applicants respectfully disagree with the Examiner's position, in the interest of furthering the prosecution of this application, claims 4-8, 10 and 11 have been canceled and claim 12 has been amended. Claim 12 has been amended as suggested by the Examiner in the Office Action dated October 23, 2002 and in the Supplemental Office Action of November 7, 2002.

In the Office Action dated October 23, 2002, the Examiner has rejected claims 4 and 5 under 35 U.S.C. § 102(b) as being anticipated by Gaetano Dimarco et al. in *Anal. Chem.* 70 (23),

pp. 5019-5023. The Examiner also rejected claims 4-6, and 10 under 35 U.S.C. § 102(b) as being anticipated by Maestri et al. ("Photochemistry and Luminescence of Cyclometallated Complexes", 1992) and Claim 6 under 35 U.S.C. § 103(a) as being unpatentable over Maestri et al. Applicants respectfully submit that the cancellation of claims 4-6 and 10 render moot these rejections.

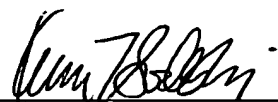
In the Supplemental Office Action of November 7, 2002, the Examiner rejected claim 12 under 35 U.S.C. § 102 (b) as being anticipated by Cockburn et al. in *Journal of the Chemical Society, Dalton Transactions*, Vol. 4, pp. 404-410 (1973). As suggested by the Examiner, claim 12 has been amended to delete the third formula shown. Thus, Applicants respectfully submit that the rejection of claim 12 should be withdrawn.

Attached hereto is a marked-up version of the changes made to the specification and claims by the current Amendment. The attached pages are captioned "**Version with markings to show changes made.**"

In view of the foregoing Amendment and Remarks, Applicants respectfully submit that all of the pending claims of the subject application are now in condition for allowance. Prompt reconsideration and allowance of the present application are therefore earnestly solicited.

Respectfully submitted,

Dated: March 7, 2003

By:   
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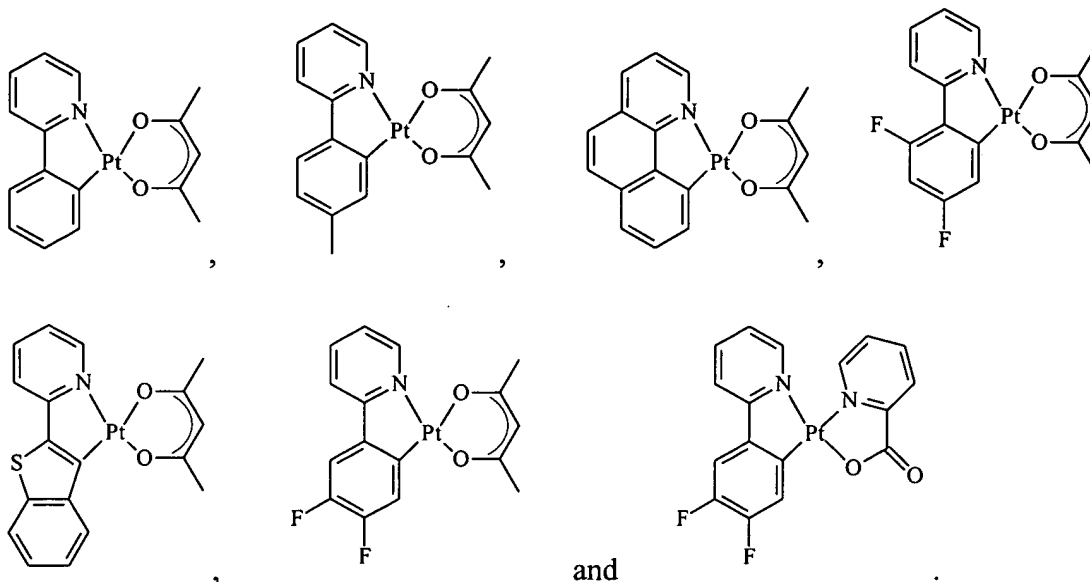
**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**In the claims:**

Please cancel claims 4-8, 10 and 11 without prejudice.

Please amend claims 9 and 12 as follows:

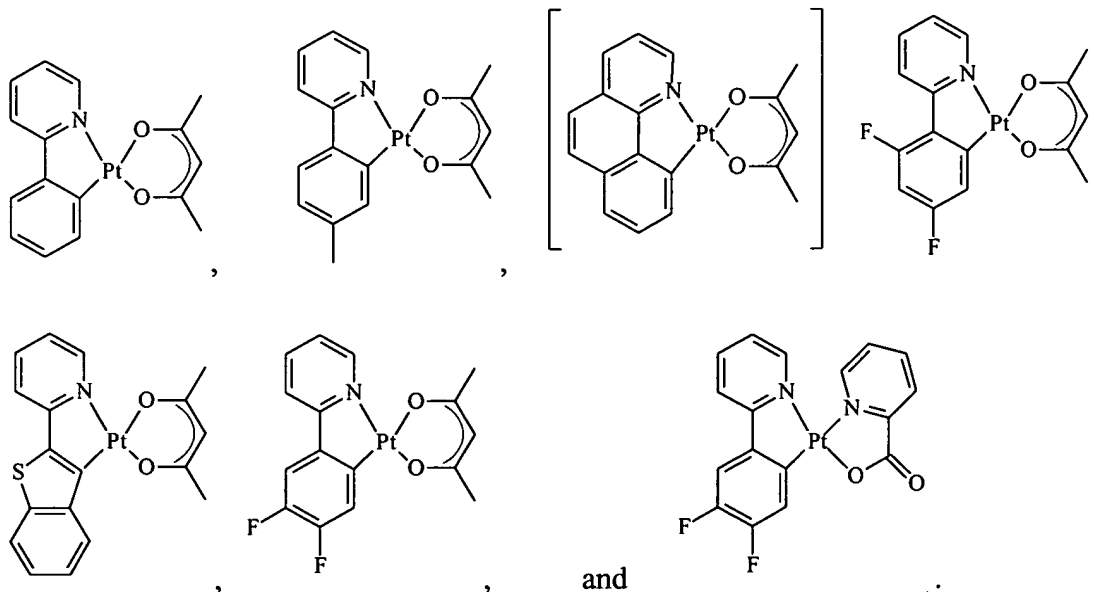
9. (Amended) An organic light emitting device including an emissive layer comprising an organometallic compound [The organic light emitting device of claim 4], wherein the organometallic compound has a chemical structure represented by a formula selected from the group consisting of:



12. (Amended) An organometallic compound comprising:
- [a heavy metal;
  - a single carbon-coordination ligand bound to the heavy metal, wherein the single carbon-coordination ligand is a mono-anionic carbon-coordination ligand; and
  - at least one non-carbon-coordination ligand bound to the heavy metal;

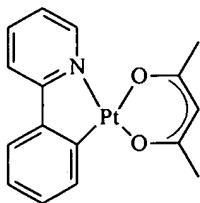
B

wherein the organometallic] a compound [has] having a chemical structure represented by a formula selected from the group consisting of:



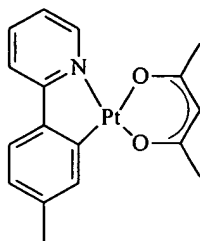
Please add new claims 13-19 as follows:

13. (New) The organic light emitting device of claim 9 wherein the organometallic compound has a chemical structure represented by the formula:

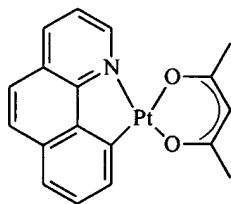


14. (New) The organic light emitting device of claim 9 wherein the organometallic compound has a chemical structure represented by the formula:

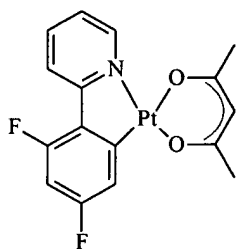
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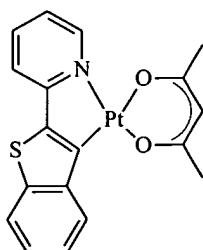
15. (New) The organic light emitting device of claim 9 wherein the organometallic compound has a chemical structure represented by the formula:



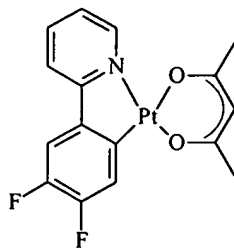
16. (New) The organic light emitting device of claim 9 wherein the organometallic compound has a chemical structure represented by the formula:



17. (New) The organic light emitting device of claim 9 wherein the organometallic compound has a chemical structure represented by the formula:



18. (New) The organic light emitting device of claim 9 wherein the organometallic compound has a chemical structure represented by the formula:



19. (New) The organic light emitting device of claim 9 wherein the organometallic compound has a chemical structure represented by the formula:

